

ANALYTICAL REPORT

Job Number: 720-27249-1

Job Description: Aspire Oakland

For:

ARCADIS U.S., Inc Formerly LFR, Inc.
1900 Powell St 12th Floor
Emeryville, CA 94608-1827
Attention: Mr. Ron Goloubow



Approved for release.
Afsaneh Salimpour
Project Manager I
4/13/2010 5:43 PM

Afsaneh Salimpour
Project Manager I
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04/13/2010

CA ELAP Certification # 2496

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A trip blank is required to be provided for volatile analyses. If trip blank results are not included in the report, either the trip blank was not submitted or requested to be analyzed.

TestAmerica Laboratories, Inc.

TestAmerica San Francisco 1220 Quarry Lane, Pleasanton, CA 94566

Tel (925) 484-1919 Fax (925) 600-3002 www.testamericainc.com

Job Narrative
720-27249-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

Metals

Method(s) 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 69484 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc Formerly LFR, Inc.

Job Number: 720-27249-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-27249-1 Lead	DRIVEWAY-50'	12	1.9	mg/Kg	6010B

METHOD SUMMARY

Client: ARCADIS U.S., Inc Formerly LFR, Inc.

Job Number: 720-27249-1

Description		Lab Location	Method	Preparation Method
Matrix	Solid			
Metals (ICP)		TAL SF	SW846 6010B	
	Preparation, Metals	TAL SF		SW846 3050B

Lab References:

TAL SF = TestAmerica San Francisco

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: ARCADIS U.S., Inc Formerly LFR, Inc.

Job Number: 720-27249-1

Method	Analyst	Analyst ID
SW846 6010B	Vega, Anthony	AV

SAMPLE SUMMARY

Client: ARCADIS U.S., Inc Formerly LFR, Inc.

Job Number: 720-27249-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-27249-1	DRIVEWAY-50'	Solid	04/08/2010 1550	04/08/2010 1750

Analytical Data

Client: ARCADIS U.S., Inc Formerly LFR, Inc.

Job Number: 720-27249-1

Client Sample ID: DRIVEWAY-50'

Lab Sample ID: 720-27249-1

Client Matrix: Solid

Date Sampled: 04/08/2010 1550

Date Received: 04/08/2010 1750

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 720-69484	Instrument ID:	Thermo ICP
Preparation:	3050B	Prep Batch: 720-69438	Lab File ID:	N/A
Dilution:	4.0		Initial Weight/Volume:	1.05 g
Date Analyzed:	04/13/2010 1431		Final Weight/Volume:	50 mL
Date Prepared:	04/13/2010 0921			

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Lead		12		1.9

DATA REPORTING QUALIFIERS

Client: ARCADIS U.S., Inc Formerly LFR, Inc.

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Lab Section	Qualifier	Description
Metals	F	MS or MSD exceeds the control limits

Quality Control Results

Client: ARCADIS U.S., Inc Formerly LFR, Inc.

Job Number: 720-27249-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report		Method	Prep Batch
		Basis	Client Matrix		
Metals					
Prep Batch: 720-69438					
LCS 720-69438/2-A	Lab Control Sample	T	Solid	3050B	
LCSD 720-69438/3-A	Lab Control Sample Duplicate	T	Solid	3050B	
LCSSRM 720-69438/25-A	LCS-Standard Reference Material	T	Solid	3050B	
MB 720-69438/1-A	Method Blank	T	Solid	3050B	
720-26958-B-1-A MS	Matrix Spike	T	Solid	3050B	
720-26958-B-1-B MSD	Matrix Spike Duplicate	T	Solid	3050B	
720-27249-1	DRIVEWAY-50'	T	Solid	3050B	
Analysis Batch:720-69484					
LCS 720-69438/2-A	Lab Control Sample	T	Solid	6010B	720-69438
LCSD 720-69438/3-A	Lab Control Sample Duplicate	T	Solid	6010B	720-69438
LCSSRM 720-69438/25-A	LCS-Standard Reference Material	T	Solid	6010B	720-69438
MB 720-69438/1-A	Method Blank	T	Solid	6010B	720-69438
720-26958-B-1-A MS	Matrix Spike	T	Solid	6010B	720-69438
720-26958-B-1-B MSD	Matrix Spike Duplicate	T	Solid	6010B	720-69438
720-27249-1	DRIVEWAY-50'	T	Solid	6010B	720-69438

Report Basis

T = Total

Quality Control Results

Client: ARCADIS U.S., Inc Formerly LFR, Inc.

Job Number: 720-27249-1

Method Blank - Batch: 720-69438

Method: 6010B
Preparation: 3050B

Lab Sample ID: MB 720-69438/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/13/2010 1406
Date Prepared: 04/13/2010 0921

Analysis Batch: 720-69484
Prep Batch: 720-69438
Units: mg/Kg

Instrument ID: Thermo ICP
Lab File ID: N/A
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Lead	ND		0.50

LCS-Standard Reference Material - Batch: 720-69438

Method: 6010B
Preparation: 3050B

Lab Sample ID: LCSSRM 720-69438/25-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/13/2010 1608
Date Prepared: 04/13/2010 0921

Analysis Batch: 720-69484
Prep Batch: 720-69438
Units: mg/Kg

Instrument ID: Thermo ICP
Lab File ID: N/A
Initial Weight/Volume: 1.03 g
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Lead	44.1	37.3	85	62 - 113	

Lab Control Sample/

Lab Control Sample Duplicate Recovery Report - Batch: 720-69438

Method: 6010B
Preparation: 3050B

LCS Lab Sample ID: LCS 720-69438/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/13/2010 1410
Date Prepared: 04/13/2010 0921

Analysis Batch: 720-69484
Prep Batch: 720-69438
Units: mg/Kg

Instrument ID: Thermo ICP
Lab File ID: N/A
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 720-69438/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/13/2010 1414
Date Prepared: 04/13/2010 0921

Analysis Batch: 720-69484
Prep Batch: 720-69438
Units: mg/Kg

Instrument ID: Thermo ICP
Lab File ID: N/A
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Lead	102	99	80 - 120	3	20		

Quality Control Results

Client: ARCADIS U.S., Inc Formerly LFR, Inc.

Job Number: 720-27249-1

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 720-69438

Method: 6010B

Preparation: 3050B

MS Lab Sample ID: 720-26958-B-1-A MS
Client Matrix: Solid
Dilution: 4.0
Date Analyzed: 04/13/2010 1418
Date Prepared: 04/13/2010 0921

Analysis Batch: 720-69484
Prep Batch: 720-69438

Instrument ID: Thermo ICP
Lab File ID: N/A
Initial Weight/Volume: 1.04 g
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 720-26958-B-1-B MSD
Client Matrix: Solid
Dilution: 4.0
Date Analyzed: 04/13/2010 1422
Date Prepared: 04/13/2010 0921

Analysis Batch: 720-69484
Prep Batch: 720-69438

Instrument ID: Thermo ICP
Lab File ID: N/A
Initial Weight/Volume: 1.01 g
Final Weight/Volume: 50 mL

Analyte	<u>% Rec.</u>		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Lead	138	115	75 - 125	11	20	F	

SAMPLE COLLECTOR: 1900 Powell Street, 12th Floor Emeryville, California 94608 (510) 652-4500 Fax: (510) 652-2246		PROJECT NO.: R0091550009 SECTION NO.: C0001		DATE: 04/08/10 SAMPLER'S INITIALS: AAV		SERIAL: N° 5391	
		PROJECT NAME: Aspire Oakland		SAMPLER (Signature): <i>Andra Valdivia</i>		REMARKS:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> SAMPLE </div> <div style="width: 45%;"> ANALYSES </div> </div>							
SAMPLE ID: DRIVEWAY - 50'	DATE 04/08/10	TIME 15:50	TYPE: Lab Sample No. No. of Containers Soil Water		TAT: RUSH: 3 day HOLD:		
			ANALYSES: TPd (EPA 8015M) TPd (EPA 8015M) BTEX (EPA 8015M) VOCs (EPA 8015M) Metals (EPA 8210) Pb only X		VOCs: 8260 List 8240 List 8010 List 624 List		
REMARKS:							
SAMPLE RECEIPT: <input type="checkbox"/> Intact <input type="checkbox"/> Cold <input type="checkbox"/> Ambient <input type="checkbox"/> On Ice		Cooler Temp: 18.6°C (24hrs)	METHOD OF SHIPMENT:		RELINQUISHED BY: (SIGNATURE) <i>Andra Valdivia</i> (DATE) 04/08/10		RELINQUISHED BY: (SIGNATURE) <i>Shane Pickett</i> (DATE) 4/8/10
PRESERVATIVE CORRECT? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		LAB REPORT NO.:	FAX COC CONFIRMATION TO:		(PRINTED NAME) <i>SHANE PICKETT</i> (TIME) 1750		(PRINTED NAME) (TIME)
ANALYTICAL LABORATORY: Test America		FAX RESULTS TO:	RECEIVED BY: (SIGNATURE) <i>Shane Pickett</i> (DATE) 4/8/10		(PRINTED NAME) <i>SHANE PICKETT</i> (TIME) 1750		(PRINTED NAME) (TIME)
SEND HARD COPY TO:		SEND EDD TO: ENVLABEDDS.COM	RECEIVED BY: (SIGNATURE) <i>Shane Pickett</i> (DATE) 4/8/10		(PRINTED NAME) <i>SHANE PICKETT</i> (TIME) 1750		(PRINTED NAME) (TIME)

Login Sample Receipt Check List

Client: ARCADIS U.S., Inc Formerly LFR, Inc.

Job Number: 720-27249-1

Login Number: 27249

List Source: TestAmerica San Francisco

Creator: Hoang, Julie

List Number: 1

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	